



STIC Search Report

EIC 2100

STIC Database Tracking Number: 140683

TO: Susan F Rayyan
Location: 3C05
Art Unit : 2167
Friday, December 17, 2004

Case Serial Number: 09/718290

From: Carol Wong
Location: EIC 2100
RND – 4A30
Phone: 272-3513

carol.wong@uspto.gov

Search Notes

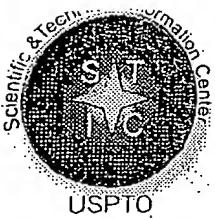
Dear Examiner Rayyan,

Attached are the search results (from commercial databases) for your case.

Color tags mark the patents/articles which appear to be most relevant to the case. Color of tag has no significance. Pls review all documents, since untagged items might also be of interest. If you wish to order the complete text of any document, pls submit request(s) directly to the EIC2100 Reference Staff located in RND-4B28.

Pls call if you have any questions or suggestions for additional terminology, or a different approach to searching the case. Finally, pls complete the attached Search Results Feedback Form, as the EIC/STIC is continually soliciting examiners' opinion of the search service.

Thanks,
Carol



STIC EIC 2100

Search Request Form

140683

Today's Date:

Dec. 17, 2004

What date would you like to use to limit the search?

Priority Date: 11/21/00 Other:

Name Susan Bayyan
AU 2167 Examiner # 77889
Room # 3C05 Phone 24117
Serial # 091718,290

Format for Search Results (Circle One):

 PAPER DISK EMAIL

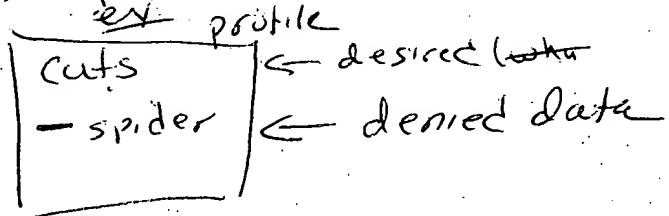
Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB
IEEE INSPEC SPI Other _____

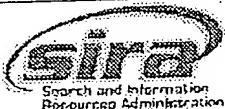
Is this a "Fast & Focused" Search Request? (Circle One) YES NO
A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Document Delivery System: User profile contains implicit or explicit reader profile data.
(Includes desired or denied data)
Documents and advertisement returned to reader based on profile. In addition, the user profile is returned to user listing those profile keywords used in document selection. The returned list of keywords include both desired and denied keywords in the profile (Weighted profile). User can then edit the profile.



STIC Searcher Cairn Murray Phone 272-3573
Date picked up 12-17 Date Completed 12-17-04



File 347:JAPIO Nov 1976-2004/Aug (Updated 041203)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200481

(c) 2004 Thomson Derwent

Set	Items	Description
S1	176203	PROFILE OR PROFILES
S2	584499	WORD? ? OR CONCEPT? ? OR TOPIC? ? OR PARAMETER? ? OR SUBJECT? ? OR CRITERIA? ? OR CRITERION? ? OR THEME OR THEMES
S3	178194	TOI OR TOIS OR TERM? ? OR DESCRIPT?R? ? OR PHRASE OR PHRASES OR KEYWORD? OR IDENTIFIER? ? OR KEYPHRASE? OR KEYTERM?
S4	2084636	WEIGHT??? ? OR WEIGH OR WEIGHS OR WEIGHED OR WEIGHING OR VALUE? ?
S5	1607	S1(3N)S4
S6	29121	S2:S3(3N)S4
S7	10744	S1:S3(3N)(CORRECT? OR REMED? OR RECTIFY? OR RECTIFI? OR AMEND? OR EMEND?)
S8	30872	S1:S3(3N)(CHANG??? ? OR MODIFI? OR MODIFY? OR ADJUST? OR MANIPULAT? OR READJUST? OR REPLAC? OR SUBSTITUT? OR ALTERR?)
S9	5290	S1:S3(3N)(ALTER? ? OR ALTERED OR ALTERING OR ALTERATION? OR EXCHANG? OR EDIT? ? OR EDITED OR EDITING OR REVIS???? ?)
S10	41	S1:S3(3N)(REDEFIN? OR RE()(DEFIN??? ? OR DEFINITION?))
S11	8255618	DISPLAY? OR VIEW??? ? OR PROVID? OR PROVIS?
S12	428549	S11(3N)(CONTENT? ? OR DATA OR INFORMATION OR DOCUMENT? ? OR ECONTENT? ? OR TEXT? ? OR TEXTUAL OR DOCUMENT? ? OR ARTICLE? ?)
S13	186798	S11(3N)(RESULT? ? OR HITLIST? OR HIT OR HITS OR REFERENCES OR RETRIEV? OR CITATIONS OR OUTPUT? OR OUT()PUT? ?)
S14	207	S5 AND S7:S10
S15	13	S14 AND S12:S13
S16	3802	S6 AND S7:S10
S17	306	S16 AND S12:S13
S18	71565	IC='G06F-017/30':IC='G06F-017/39'
S19	165496	IC='G06F-017/60'
S20	24	S17 AND S18:S19
S21	37	S15 OR S20
S22	37	IDPAT (sorted in duplicate/non-duplicate order)
S23	37	IDPAT (primary/non-duplicate records only)
S24	970	MC='T01-J11B'
S25	36893	MC='T01-J05A'
S26	18442	MC='T01-J05A2'
S27	10958	MC='T01-J05B3'
S28	964	MC='T01-J11D'
S29	5	S17 AND S24:S28
S30	13	S28 AND S7:S10
S31	13	S29:S30 NOT S23
S32	13	IDPAT (sorted in duplicate/non-duplicate order)
S33	13	IDPAT (primary/non-duplicate records only)

? t23/9/6-8,10,15,19,29,31,33-34,37

23/9/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015600634 **Image available**
WPI Acc No: 2003-662789/200362
XRXPX Acc No: N03-529031

Electronic mail information processing method involves acquiring information related to existing topic based on weight of characteristic word , from which information related to user's input keyword is searched

Patent Assignee: SONY CORP (SONY); SAITO M (SAIT-I); YAMAMOTO N (YAMA-I)
Inventor: SAITO M; YAMAMOTO N

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030140309	A1	20030724	US 2002316762	A	20021212	200362 B
JP 2003242176	A	20030829	JP 2002147225	A	20020522	200366

Priority Applications (No Type Date): JP 2002147225 A 20020522; JP .2001379511 A 20011213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030140309	A1	59		G06F-015/16	
JP 2003242176	A	34		G06F-017/30	

Abstract (Basic): US 20030140309 A1

NOVELTY - An extraction unit extracts a characteristic word from existing topics and keyword input by user. A processor calculates weight of the extracted words and modifies weight of the characteristic word based on specific conditions. An acquisition unit acquires information related to existing topics based on modified weight of characteristic word , from which information related to the keyword is searched and displayed.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) information processing method;
- (2) information processing program; and
- (3) storage medium storing computer readable information processing program.

USE - For processing information related to documents of electronic mail.

ADVANTAGE - Provides information related to the documents classified under the topics being handled by the user and reflects the user's degree of interest.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining the information processing method.

pp; 59 DwgNo 3/42

Title Terms: ELECTRONIC; MAIL; INFORMATION; PROCESS; METHOD; ACQUIRE; INFORMATION; RELATED; EXIST; TOPIC; BASED; WEIGHT; CHARACTERISTIC; WORD; INFORMATION; RELATED; USER; INPUT; KEYWORD; SEARCH

Derwent Class: T01

International Patent Class (Main): G06F-015/16; G06F-017/30

File Segment: EPI

Manual Codes (EPI/S-X): T01-J16B; T01-N01C; T01-N03A2; T01-S03

23/9/7 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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015445615 **Image available**
WPI Acc No: 2003-507757/200348

XRPX Acc No: N03-403305

Monitoring Internet usage patterns by modifying profile using scripts provided by central server

Patent Assignee: SEARCHSPACE LTD (SEAR-N)

Inventor: WICKS T

Number of Countries: 103 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2383505	A	20030625	GB 200130744	A	20011221	200348 B
WO 200356430	A2	20030710	WO 2002GB5772	A	20021218	200355
AU 2002352446	A1	20030715	AU 2002352446	A	20021218	200421
GB 2383505	B	20040331	GB 200130744	A	20011221	200423
EP 1459184	A2	20040922	EP 2002788164	A	20021218	200462
			WO 2002GB5772	A	20021218	

Priority Applications (No Type Date): GB 200130744 A 20011221

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2383505	A	20		G06F-017/60	
WO 200356430	A2	E		G06F-011/34	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW

AU 2002352446 A1 G06F-011/34 Based on patent WO 200356430

GB 2383505 B G06F-017/60

EP 1459184 A2 E G06F-011/34 Based on patent WO 200356430

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): GB 2383505 A

NOVELTY - Method consists in providing state objects including a usage **profile** including keys and **value** -field pairs, storing the objects at a client location, passing the object to a central server with each subsequent interaction initiation, receiving it back with the server response and **modifying** the **profile** to reflect the interaction. **Profile modification** is by scripts in **information provided** to the client location by the central server or a program executed at the client location, so that the **profile** cannot be **modified** by the server.

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for:

- (1) A system for monitoring Internet usage patterns
- (2) A module for monitoring Internet usage patterns
- (3) A computer program for monitoring Internet usage patterns

USE - Method is for monitoring, recording and analysis of Internet user activity.

ADVANTAGE - Method is automated and allows profiles of user activity to be built based on general classifications of previously **viewed** page **content**, URLs and buttons or image maps, enabling targeting of advertisements when the site is re-visited. Direct access to the originating server is not required.

DESCRIPTION OF DRAWING(S) - The figure shows communication between the server and user during a first interaction.
pp; 20 DwgNo 2a/2

Title Terms: MONITOR; PATTERN; MODIFIED; PROFILE; CENTRAL; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-011/34; G06F-017/60

International Patent Class (Additional): H04L-012/26

File Segment: EPI

Manual Codes (EPI/S-X): T01-G05C1; T01-N02B2A; T01-S03

23/9/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015330248 **Image available**

WPI Acc No: 2003-391183/200337

XRPX Acc No: N03-312433

Information item evaluating device for creating and delivering information tailored or analyzed for user-defined purpose, has relationship definitions each having validity representing assessment of correctness of assignment

Patent Assignee: CLARK B C (CLAR-I); MOSQUERA L A (MOSQ-I); STANSBURY P (STAN-I); STEWARD D (STEW-I)

Inventor: CLARK B C; MOSQUERA L A; STANSBURY P; STEWARD D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6505202	B1	20030107	US 9895925	P	19980804	200337 B
			US 99368438	A	19990804	

Priority Applications (No Type Date): US 9895925 P 19980804; US 99368438 A 19990804

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6505202	B1	29	G06F-017/30		Provisional application US 9895925

Abstract (Basic): US 6505202 B1

NOVELTY - The device has relationship definitions (307), each having a validity representing an assessment of correctness of an assignment. The assignment for a second evaluation value has validity defined for a relationship. An evaluator processes an information item in terms of a match between evaluation values assigned to a profile and evaluation values assigned to the information item.

DETAILED DESCRIPTION - Evaluation value definitions (305) define the evaluation values, while the relationship definitions define the relationships between the evaluation values. The defined relationship relates a first evaluation value to the second evaluation value. An assignor designates one or more evaluation values to the information item or profile. When the assigned evaluation value is the first evaluation value in a relationship, the second evaluation value in the relationship is assigned to the information item or profile. An INDEPENDENT CLAIM is also included for the customized output producing apparatus for items of information.

USE - For creating customer profile to target advertising and services offered to clients over the Internet.

ADVANTAGE - Provides ratings and validities which are used to produce scores for information items. Enables a system to select information items using produced scores. Enables system to automatically alter profile in response to feedback from recipient, and automatically save feedback as information items. Ensures that

properties can be defined by anyone, in which all the definer has to do is give the property a name and define a range of values for it. Provides ratings that give property manager a way of quantifying the relevance of an information item to a property-value combination or the relevance of property-value combination to **information** item or profile. Provides validities that provide a way of indicating the property manager's confidence in assignment of property-value combination to information item or profile. Enables property manager to define and redefine properties and values at any time.

DESCRIPTION OF DRAWING(S) - The figure shows a conceptual diagram in which the strategies and properties are defined and properties are assigned to information items and to recipients.

Evaluation value definitions (305)

Relationship definitions (307)

pp; 29 DwgNo 3/16

Title Terms: INFORMATION; ITEM; EVALUATE; DEVICE; DELIVER; INFORMATION; TAILORED; ANALYSE; USER; DEFINE; PURPOSE; RELATED; DEFINE; VALID; REPRESENT; ASSESS; CORRECT; ASSIGN

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-007/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-N01A2C

23/9/10 (Item 10 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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015060818 **Image available**

WPI Acc No: 2003-121334/200311

XRPX Acc No: N03-096593

Updating of web pages where only a limited part of the page requires updating, using a system that cyclically polls the source pages and uses a file script that only transfers the changing data part of the page

Patent Assignee: SIEMENS AG (SIEI); SCHLERETH M (SCHL-I)

Inventor: SCHLERETH M

Number of Countries: 028 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200305234	A2	20030116	WO 2002DE2275	A	20020620	200311 B
DE 10132038	A1	20030123	DE 10132038	A	20010703	200316
EP 1402422	A2	20040331	EP 2002754245	A	20020620	200424
			WO 2002DE2275	A	20020620	
US 20040205197	A1	20041014	US 2003738538	A	20031217	200468
CN 1524241	A	20040825	CN 2002813605	A	20020620	200477

Priority Applications (No Type Date): DE 10132038 A 20010703

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200305234	A2	G	14	G06F-017/30	
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Designated States (National): CN US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

DE 10132038	A1		G06F-017/60
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EP 1402422	A2	G	G06F-017/30	Based on patent WO 200305234
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

US 20040205197	A1		G06F-015/16
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CN 1524241	A		G06F-017/30
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Abstract (Basic): WO 2003005234 A2

NOVELTY - Automation system has a client (1) for displaying a web page consisting of **data fields** for **displaying parameter values** with a processing unit (2) for storage of actual **parameter values**. The **modified parameter values** can be interrogated by the client using cyclical polling. Only the **modified parameter values** are transmitted to the client in an associated script and interpreted by the browser (3).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is made for a method for visualizing a system.

USE - Updating of web pages where only a limited part of the page requires updating, e.g. in financial pages with stock prices, only the prices themselves require updating.

ADVANTAGE - The inventive system and method allow web pages to be updated without having to continuously download a whole web page. Only data that has changed is updated, with the values that have changed determined by cyclical polling. Data traffic is reduced and page updating is speeded.

DESCRIPTION OF DRAWING(S) - Figure shows a block diagram of an inventive automation system.

pp; 14 DwgNo 1/2

Title Terms: UPDATE; WEB; PAGE; LIMIT; PART; PAGE; REQUIRE; UPDATE; SYSTEM; CYCLIC; POLL; SOURCE; PAGE; FILE; SCRIPT; TRANSFER; CHANGE; DATA; PART; PAGE

Derwent Class: T01

International Patent Class (Main): G06F-015/16; G06F-017/30 ; G06F-017/60

File Segment: EPI

Manual Codes (EPI/S-X): T01-N03B1; T01-N03B2A

23/9/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013814601 **Image available**

WPI Acc No: 2001-298813/200131

Related WPI Acc No: 2000-195684; 2000-195705; 2001-396851

XRPX Acc No: N01-214172

Storing marketplace information for multiple types of items in database has first data entry interface allows user to add additional parameter to parameter list without modifying structure of database

Patent Assignee: FISH R D (FISH-I)

Inventor: FISH R D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6195652	B1	20010227	US 98128116	A	19980803	200131 B
			US 99123019	A	19990304	
			US 99431031	A	19991028	

Priority Applications (No Type Date): US 99123019 P 19990304; US 98128116 A 19980803; US 99431031 A 19991028

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6195652	B1	24	G06F-017/30	CIP of application US 98128116 Provisional application US 99123019 CIP of patent US 6035294	

Abstract (Basic): US 6195652 B1

NOVELTY - A user is provided with a parameter list (40) relating to a portion of the multiple types of items; **providing** a first **data** entry interface that allows the user to add an additional parameter to the **parameter** list without **modifying** the structure of the database; and **providing** a second **data** entry interface that allows the user to use the additional parameter to record additional data relating to the item.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for A self-evolving database system having a predefined structure.

USE - Databases that index large numbers of different types of items.

ADVANTAGE - Allows users to quickly and efficiently access hundreds of thousands or even millions of records, and still find only those few records that are relevant. Also users can add data and search for items according to **parameters** and **values** in a manner that allows the entire database to evolve.

DESCRIPTION OF DRAWING(S) - The figure shows a Venn diagram of data in a preferred index.

pp; 24 DwgNo 1/10

Title Terms: STORAGE; INFORMATION; MULTIPLE; TYPE; ITEM; DATABASE; FIRST; DATA; ENTER; INTERFACE; ALLOW; USER; ADD; ADD; PARAMETER; PARAMETER; LIST ; MODIFIED; STRUCTURE; DATABASE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

Manual Codes (EPI/S-X): T01-J05B1; T01-J05B2B; T01-J05B3

23/9/19 (Item 19 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012789444 **Image available**

WPI Acc No: 1999-595671/199951

XRPX Acc No: N99-439949

Information search assistance operates in information providing system for multimedia application - has extraction unit that extracts and changes characteristic for every set up based on utilization log

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11259520	A	19990924	JP 9863174	A	19980313	199951 B

Priority Applications (No Type Date): JP 9863174 A 19980313

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11259520	A	8		G06F-017/30	

Abstract (Basic): JP 11259520 A

NOVELTY - Based on required objective of user such as emergency and communication environment, a selection unit chooses the character stored for every set up by automatic or manual operation. A varying unit (50) **changes** the **parameter** for every set up. An extraction unit (100) extracts and changes the characteristics of every set up based on the utilization log maintained for the set up.

USE - In **information** **providing** system for **providing** multimedia **information** to user through communication network.

ADVANTAGE - The need for user to input parameter each time is eliminated by which burden of user is reduced. The user chooses the set

up character according to the condition, by which the user's state and demand is indicated to the system. The variable parameter which is set as character is changed by using the utilization log. Optimum character for every condition is chosen automatically by the user. The system displays the character name, character image and **parameter value** by which current set condition is indicated to user. DESCRIPTION OF DRAWING(S) - The figure shows entire block diagram of **information providing** apparatus. (50) Parameter varying unit; (100) Extraction unit.

Dwg.1/5

Title Terms: INFORMATION; SEARCH; ASSIST; OPERATE; INFORMATION; SYSTEM; APPLY; EXTRACT; UNIT; EXTRACT; CHANGE; CHARACTERISTIC; SET; UP; BASED; LOG

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-015/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-J; T01-J05B

23/9/29 (Item 29 from file: 347)

DIALOG(R) File 347:JAPIO

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08022427 **Image available**

SYSTEM, SERVER AND METHOD FOR **PROVIDING** THREE-DIMENSIONAL IMAGE DATA , AND PROGRAM THEREOF

PUB. NO.: 2004-135186 [JP 2004135186 A]

PUBLISHED: April 30, 2004 (20040430)

INVENTOR(s): ITO SATORU

APPLICANT(s): TOPPAN PRINTING CO LTD

APPL. NO.: 2002-299510 [JP 2002299510]

FILED: October 11, 2002 (20021011)

INTL CLASS: H04N-001/00; G06F-017/60 ; G06T-017/40; H04N-001/32; H04N-007/173

ABSTRACT

PROBLEM TO BE SOLVED: To enable easy grasping of the shape of the rear side or projected or of the recessed part of a product displayed on a web page and to enable sufficient grasping of the texture or color tone of the material thereof.

SOLUTION: A system for **providing** three-dimensional image data includes a browser 1b for transmitting a request to cause transmission of image data, accepting **modification** of **values** of **parameters** related to a model in the transmitted image data on the basis of the request, and generating a three-dimensional image therefor; a model data DB 2a having model data, identification information, and unit price data, stored therein to be associated with each other; a DBMS 2b for receiving the request, searching the model data DB 2a with the use of the identification information as a search key, and read out model data therefrom; and an image data compositing unit 2c for generating three-dimensional image data and transmitting the data to the client of the transmission source.

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23/9/31 (Item 31 from file: 347)

DIALOG(R)File 347:JAPIO
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07787267 **Image available**
DOCUMENT RETRIEVAL DEVICE, DOCUMENT RETRIEVAL METHOD, PROGRAM AND RECORDING MEDIUM

PUB. NO.: 2003-281181 [JP 2003281181 A]
PUBLISHED: October 03, 2003 (20031003)
INVENTOR(s): OGAWA YASUTSUGU
APPLICANT(s): RICOH CO LTD
APPL. NO.: 2002-076770 [JP 200276770]
FILED: March 19, 2002 (20020319)
INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To provide a document retrieval device, enabling improvement in retrieval accuracy by controlling the weight of a term (a retrieval character string or a retrieval word) not to be influenced by the degree of document frequency, a document retrieval method, a program and a recording medium.

SOLUTION: The document retrieval device is provided with a document ranking part 15, in which a document conforming to a retrieval condition input by a retrieval condition input part 12 is retrieved from a set of documents as retrieval objects stored in a document database 14, the weight of every term of the retrieval condition is calculated using an adjustment parameter for adjusting variation of weight depending on the number of documents to be retrieved, the number of documents where the concerned term appears, and a difference in the number of the documents, the document score of the document conforming to the retrieval condition is calculated according to the weight to rank the document compatible with the retrieval condition.

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23/9/33 (Item 33 from file: 347)
DIALOG(R)File 347:JAPIO
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06939575 **Image available**
DOCUMENT CLASSIFICATION DEVICE AND RECORDING MEDIUM RECORDING DOCUMENT CLASSIFICATION PROGRAM

PUB. NO.: 2001-167124 [JP 2001167124 A]
PUBLISHED: June 22, 2001 (20010622)
INVENTOR(s): IWATA NOBUYUKI
APPLICANT(s): SHARP CORP
APPL. NO.: 11-353556 [JP 99353556]
FILED: December 13, 1999 (19991213)
INTL CLASS: G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To automatically classify massive documents to a category which has a current topic or is adjusted to the taste of a user without permitting the user to consciously decide the category for classification.

SOLUTION: A document classification device is provided with a storage part (not illustrated) storing the document being the object of classification and the document of history information 12, a keyword extraction part 1 extracting a keyword from the document stored in the storage part, an analysis part 10 calculating weight by setting the keyword to be the classification destination of the document based on the significance of the keyword extracted by the keyword extraction part 1 and at least, the preservation date/time or the preservation place of the document comprising the keyword and a classification part 13 classifying the document based on the weights calculated by the analysis part 10.

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23/9/34 (Item 34 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06778347 **Image available**
METHOD AND DEVICE FOR DISPLAYING PICTURE AND RETRIEVING SERVICE USING THIS

PUB. NO.: 2001-005822 [JP 2001005822 A]
PUBLISHED: January 12, 2001 (20010112)
INVENTOR(s): MUSHA YOSHINORI
APPLICANT(s): HITACHI LTD
REAL WORLD COMPUTING PARTNERSHIP
APPL. NO.: 11-173605 [JP 99173605]
FILED: June 21, 1999 (19990621)
INTL CLASS: G06F-017/30 ; G06F-003/00

ABSTRACT

PROBLEM TO BE SOLVED: To display a picture on a two-dimensional surface through the use of a keyword whose meaning can be grasped by a user by automatically selecting the featured value of the keyword effectively expressing the difference of individual pictures at each retrieving time so as to use it as the axis of display.

SOLUTION: With respect to a group of pictures outputted from an optional retrieving system for outputting a picture group of the result of retrieving, some keywords 108 representing the whole picture group of the retrieving result and some keywords 105, 107 of a keyword group expressing best a difference between displayed individual pictures in the picture group are displayed on a panel. A user selects two keywords from the latter keyword groups 105, 107 and expresses a picture group as a scatter diagram on a displaying space spread by the featured value of the key words. A retrieving person can evaluate the picture group displayed as the retrieving result by changing a keyword or a keyword group for displaying or moving or expanding/contracting the displaying space to attain to a more satisfactory retrieving result.

COPYRIGHT: (C)2001,JPO

23/9/37 (Item 37 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

04979220 **Image available**

DEVICE AND METHOD FOR RETRIEVING DOCUMENT

PUB. NO.: 07-271820 [JP 7271820 A]
PUBLISHED: October 20, 1995 (19951020)
INVENTOR(s): KADA HIDEO
TERAMURA KANAKO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company
or Corporation), JP (Japan)
APPL. NO.: 06-064044 [JP 9464044]
FILED: March 31, 1994 (19940331)
INTL CLASS: [6] G06F-017/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PURPOSE: To provide a document retrieving device capable of easily narrowing down an object to be retrieved without changing a retrieving condition again for a document group to be retrieved which is matched with an initially inputted retrieving condition.

CONSTITUTION: A condition for specifying an object to be retrieved is inputted (S401). Then any document attribute is specified as a retrieving parameter (S404). A scale indicating a changing range for the specified retrieving parameter is visually displayed on a screen (S405). An input for restricting the changing range of the parameter is executed (S407). While changing the value of the parameter in the range, document data specified by the value are read out (S408). Respective read document data are successively displayed on a display screen like a sense of turning pages.

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33/9/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014719529 **Image available**
WPI Acc No: 2002-540233/200258
XRPX Acc No: N02-427815

Display template for publishing science magazine, comprises fields for displaying profile information and contents selected based on profile information

Patent Assignee: HEWLETT-PACKARD CO (HEWP)

Inventor: CASTLE D C

Number of Countries: 026 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1209606	A1	20020529	EP 2001309683	A	20011116	200258 B

Priority Applications (No Type Date): US 2000718290 A 20001121

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
EP 1209606 A1 E 15 G06F-017/60

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): EP 1209606 A1

NOVELTY - The template comprises fields display contents selected based on profile information including reader and content profile information. Another field displays the profile information.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Document delivery system;
- (2) Informational content delivery method;
- (3) Content receiving method; and
- (4) Document delivering apparatus.

USE - For publishing magazine about vehicle, interior decoration, science, antique, stamp collection, gardening, boating, etc., to reader.

ADVANTAGE - The readers can correct inaccurate or incorrect profile information by ascertaining why the unwanted content has been received to prevent similar unwanted information from being delivered to the reader again.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the content delivery system.

pp: 15 DwgNo 1/5

Title Terms: DISPLAY; TEMPLATE; PUBLICATION; SCIENCE; MAGAZINE; COMPRISE; FIELD; DISPLAY; PROFILE; INFORMATION; CONTENT; SELECT; BASED; PROFILE; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

Manual Codes (EPI/S-X): T01-J11B; T01-J11D ; T01-S02

33/9/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011206534 **Image available**
WPI Acc No: 1997-184458/199717
XRPX Acc No: N97-151980

Data filtering apparatus for e.g. word processor, computer - has report searching device that searches report corresponding to each theme on theme specification screen, which shows user and specifies report, transmitted from data source based on search condition

Patent Assignee: TOSHIBA KK (TOKE)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9044516	A	19970214	JP 95195117	A	19950731	199717 B
JP 3588507	B2	20041110	JP 95195117	A	19950731	200474

Priority Applications (No Type Date): JP 95195117 A 19950731

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 9044516	A	16	G06F-017/30
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JP 3588507	B2	14	G06F-017/30	Previous Publ. patent JP 9044516
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Abstract (Basic): JP 9044516 A

The apparatus includes a theme selector (11) provided in a data filtering pin centre. The theme selector shows a theme specification screen containing several themes to each user. A sample display device exhibits the sample of a report corresponding to each theme on the theme specification screen.

The report is selected according to the selected theme on the theme specification screen, and a search condition is formed in the report selection. The selected report transmitted from a data source is searched a report searching device which shows the user and specifies the report based on the search condition.

ADVANTAGE - Improves efficiency of theme specification and theme selection. Easily provides data relating to **theme** deletion, **amendment**, and **alteration** for user.

Dwg.3/19

Title Terms: DATA; FILTER; APPARATUS; WORD; PROCESSOR; COMPUTER; REPORT; SEARCH; DEVICE; SEARCH; REPORT; CORRESPOND; THEME; THEME; SPECIFICATION; SCREEN; SHOW; USER; SPECIFIED; REPORT; TRANSMIT; DATA; SOURCE; BASED; SEARCH; CONDITION

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-017/60

File Segment: EPI

Manual Codes (EPI/S-X): T01-J05B3; T01-J11D

?

File 348:EUROPEAN PATENTS 1978-2004/Dec W02

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20041209,UT=20041202

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	218505	PROFILE OR PROFILES
S2	1724	S1(3N) (WEIGHT??? ? OR WEIGH OR WEIGHS OR WEIGHED OR WEIGHING)
S3	3406	S1(3N) (VALUE OR VALUES OR VALUED)
S4	1759	S1(3N) (CORRECT? OR REMED? OR RECTIFY? OR RECTIFI? OR AMEND? OR EMEND?)
S5	12903	S1(3N) (CHANG??? ? OR MODIFI? OR MODIFY? OR ADJUST? OR MANIPULAT? OR READJUST? OR REPLAC? OR SUBSTITUT? OR ALTERR?)
S6	5520	S1(3N) (MODIFY? OR ALTER? ? OR ALTERED OR ALTERING OR ALTERATION? OR EXCHANG? OR EDIT? ? OR EDITED OR EDITING OR REVIS??-???)
S7	17	S1(3N) (REDEFIN? OR RE() (DEFIN??? ? OR DEFINITION?))
S8	960559	WEIGHT??? ? OR WEIGH OR WEIGHS OR WEIGHED OR WEIGHING OR VALUE? ?
S9	635942	TOI OR TOIS OR TERM? ? OR DESCRIPT?R? ? OR PHRASE OR PHRASES OR KEYWORD? OR IDENTIFIER? ? OR KEYPHRASE? OR KEYTERM?
S10	84688	S8(3N) (S9 OR WORD? ? OR CONCEPT? ? OR TOPIC? ? OR PARAMETER? ? OR SUBJECT? ? OR CRITERIA? ? OR CRITERION? ?)
S11	1537178	DISPLAY? OR VIEW??? ? OR PROVID? OR PROVIS?
S12	272664	S11(3N) (CONTENT? ? OR DATA OR INFORMATION OR DOCUMENT? ? OR ECONTENT? ? OR TEXT? ? OR TEXTUAL OR DOCUMENT? ? OR ARTICLE? ?)
S13	188609	(S11 OR PROVID??? ?)(3N) (RESULT? ? OR HITLIST? OR HIT OR HITS OR REFERENCES OR RETRIEV? OR CITATIONS OR OUTPUT? OR OUT(-)PUT? ?)
S14	233122	PROVID??? ?(3N) (CONTENT? ? OR DATA OR INFORMATION OR DOCUMENT? ? OR ECONTENT? ? OR TEXT? ? OR TEXTUAL OR DOCUMENT? ? OR ARTICLE? ?)
S15	145	S2:S3(25N)S12:S14
S16	18	S15(25N)S4:S7
S17	18	IDPAT (sorted in duplicate/non-duplicate order)
S18	17	IDPAT (primary/non-duplicate records only)
S19	776184	WORD? ? OR CONCEPT? ? OR TOPIC? ? OR PARAMETER? ? OR SUBJECT? ? OR CRITERIA? ? OR CRITERION? ?
S20	6797	THEME OR THEMES
S21	14806	(S9 OR S19:S20)(3N) (CORRECT? OR REMED? OR RECTIFY? OR RECTIFI? OR AMEND? OR EMEND?)
S22	97456	(S9 OR S19:S20)(3N) (CHANG??? ? OR MODIFI? OR MODIFY? OR ADJUST? OR MANIPULAT? OR READJUST? OR REPLAC? OR SUBSTITUT? OR ALTERR?)
S23	14701	(S9 OR S19:S20)(3N) (ALTER? ? OR ALTERED OR ALTERING OR ALTERATION? OR EXCHANG? OR EDIT? ? OR EDITED OR EDITING OR REVIS??-???)
S24	324	(S9 OR S19:S20)(3N) (REDEFIN? OR RE() (DEFIN??? ? OR DEFINITION?))
S25	2589	S10(25N)S12:S14
S26	236	S25(25N)S21:S24
S27	14438	S1(10N) (S9 OR S19:S20)
S28	7	S26(25N)S27
S29	1	S28 NOT S16
S30	24209	IC='G06F-017/60':IC='G06F-017/61'
S31	14962	IC='G06F-017/30':IC='G06F-017/32'
S32	20	S26 AND S30:S31
S33	18	S32 NOT S16

S34 18 IDPAT (sorted in duplicate/non-duplicate order)
S35 18 IDPAT (primary/non-duplicate records only)
S36 18 S35 NOT S29

18/5,K/3 (Item 3 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01185354

AUTOMATIC ELECTRONIC PROGRAMME SCHEDULING SYSTEM
AUTOMATISCHES-ELEKTRONISCHES-PROGRAMMABLAUF-SYSTEM
SYSTEME DE PLANIFICATION AUTOMATIQUE ELECTRONIQUE DE PROGRAMMES
PATENT ASSIGNEE:

NTL Group Limited, (3062030), NTL House, Bartley Wood Business Park,
Bartley Way, Hook, Hampshire RG27 9UP, (GB), (Proprietor designated
states: all)

INVENTOR:

LANG, Jack Arnold, NTL House Bartley Wood Business Park Bartley Way,
Hook Hampshire RG27 9UP, (GB)
STRICK, Michael, NTL House Bartley Wood Business Park Bartley Way, Hook
Hampshire RG27 9UP, (GB)

LEGAL REPRESENTATIVE:

Martin, Philip John (94152), Marks & Clerk 66-68 Hills Road, Cambridge,
Cambridgeshire, CB2 1LA, (GB)

PATENT (CC, No, Kind, Date): EP 1142337 A1 011010 (Basic)
EP 1142337 B1 040107
WO 2000040026 000706

APPLICATION (CC, No, Date): EP 99962444 991223; WO 99GB4408 991223

PRIORITY (CC, No, Date): GB 9828589 981223

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 2003025066)

INTERNATIONAL PATENT CLASS: H04N-007/173

CITED PATENTS (EP B): EP 721253 A; EP 852443 A; WO 97/49242 A; US 5418782 A
; US 5479268 A; US 5721829 A; US 5844620 A

CITED PATENTS (WO A): JP 10042239 A

CITED REFERENCES (EP B):

PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06, 30 April 1998 (1998-04-30) &
JP 10 042239 A (MATSUSHITA ELECTRIC IND CO LTD), 13 February 1998
(1998-02-13);

CITED REFERENCES (WO A):

WO 9749242 A

US 5844620 A

US 5479268 A

US 5721829 A

US 5418782 A

EP 721253 A

EP 852443 A

PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06, 30 April 1998 (1998-04-30) &
JP 10 042239 A (MATSUSHITA ELECTRIC IND CO LTD), 13 February 1998
(1998-02-13);

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 000830 A1 International application. (Art. 158(1))

Application: 000830 A1 International application entering European
phase

Application: 011010 A1 Published application with search report

Examination: 011010 A1 Date of request for examination: 20010723

Examination: 030115 A1 Date of dispatch of the first examination
report: 20021129

Change: 030716 A1 Legal representative(s) changed 20030529

Change: 030723 A1 Legal representative(s) changed 20030531

Change: 040107 A1 Application number of divisional application

(Article 76) changed: 20031106

Grant: 040107 B1 Granted patent
Lapse: 040929 B1 Date of lapse of European Patent in a contracting state (Country, date): FI 20040107, SE 20040407,
Lapse: 041006 B1 Date of lapse of European Patent in a contracting state (Country, date): FI 20040107, GR 20040407, SE 20040407,
Lapse: 040929 B1 Date of lapse of European Patent in a contracting state (Country, date): FI 20040107, SE 20040407,
Lapse: 041006 B1 Date of lapse of European Patent in a contracting state (Country, date): FI 20040107, GR 20040407, SE 20040407,
Lapse: 041020 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 20040107, FI 20040107, GR 20040407, SE 20040407,
Lapse: 041027 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 20040107, CH 20040107, LI 20040107, FI 20040107, GR 20040407, SE 20040407,
Lapse: 041110 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 20040107, CH 20040107, LI 20040107, ES 20040418, FI 20040107, GR 20040407, SE 20040407,

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200402	1934
CLAIMS B	(German)	200402	1929
CLAIMS B	(French)	200402	2429
SPEC B	(English)	200402	10311
Total word count - document A			0
Total word count - document B			16603
Total word count - documents A + B			16603

... CLAIMS input means (40) to define a plurality of user profile descriptors and wherein the user **profile** descriptors **modify** the **weights** of the program descriptors, in particular

wherein the user profile input means comprises access controlled means to block **provision** by the **output** means of programmes with keywords or descriptors matching programme blocking keywords or descriptors.

8. Apparatus...

18/5,K/12 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00816772 **Image available**
SYSTEM AND METHOD FOR INCREMENTAL DISCLOSURE OF PERSONAL INFORMATION TO CONTENT PROVIDERS
SYSTEME ET PROCEDE POUR LA DIVULGATION INCREMENTIELLE D'INFORMATIONS PERSONNELLES A DES FOURNISSEURS DE CONTENUS
Patent Applicant/Assignee:
PANGO SYSTEMS B V, Paasheuvelweg 50, NL-1105 BJ Amsterdam, NL, NL
(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

LEVY Ran, Palmah Street 8, 46793 Herzliya, IL, IL (Residence), IL
(Nationality), (Designated only for: US)
SHAI Avi, Yehoshua Tahon Street 10, 60920 Kadima, IL, IL (Residence), IL
(Nationality), (Designated only for: US)
PALGI Boaz, President Kennedylaan 166, NL-1079 NM Amsterdam, NL, NL
(Residence), IL (Nationality), (Designated only for: US)

Legal Representative:

BRASS Daniel (agent), Plinner, Bodner, Brass, Beit Agish Ravad, Noach
Mozes Street 13, 67442 Tel Aviv, IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200150299 A2-A3 20010712 (WO 0150299)
Application: WO 2000IL843 20001217 (PCT/WO IL0000843)
Priority Application: US 99474265 19991229; US 2000710898 20001114

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DE (utility model)
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM.

Main International Patent Class: G06F-017/30

International Patent Class: H04L-029/06

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 9668

English Abstract

A method and a system for protecting the privacy of the user, while enabling the user to predetermine the disclosure of selected items of information to particular Web sites, for example according to the type of Web site and/or the type of information. Preferably, the user may optionally select a mode in which the permission of the user is requested each time that a particular type of information is requested by the Web site content provider. These items of information are preferably collected into a user profile, for which disclosure is controlled according to a disclosure policy. Also preferably, the user is able to control the overall disclosure of items of information by first selecting a browsing mode, such that the disclosure of a plurality of items of information is determined according to the browsing mode. According to preferred embodiments of the present invention, the distribution of cookies is also controlled according to the disclosure policy. Preferably, the distribution is generally controlled according to whether the browsing mode is anonymous, such that the identify of the user is not provided; or involves the identification of the user. According to other preferred embodiments of the present invention, a content provider profile and a user profile is created for the content provider and the user, respectively. These two profiles can then optionally be compared in a process of negotiation, in order to determine if the user information should be disclosed to the content provider.

French Abstract

Cette invention se rapporte à un procédé et à un système servant à protéger la vie privée de l'utilisateur, tout en permettant à ce dernier

de determiner au prealable la divulgation d'elements selectionnes d'informations a des sites Web particuliers, par exemple en fonction du type de site Web et/ou du type d'informations. De preference, l'utilisateur peut selectionner au choix un mode dans lequel la permission de l'utilisateur est requise chaque fois qu'un type particulier d'informations est demande par le fournisseur de contenu du site Web. Ces elements d'informations sont de preference recueillis dans un profil d'utilisateur, pour lequel la divulgation est controlee en fonction d'une regle de divulgation. De preference, egalement, l'utilisateur peut controler la divulgation globale des elements d'informations en selectionnant d'abord un mode de navigation, de telle sorte que la divulgation de plusieurs elements d'informations est determinee par le mode de navigation. Selon des modes de realisation preferes de cette invention, la distribution de mouchards electroniques (cookies) est egalement controlee par la regle de divulgation. De preference, cette distribution est generalement controlee selon que le mode de navigation est anonyme, ce qui signifie que l'identite de l'utilisateur n'est pas fournie; ou selon qu'il implique l'identification de l'utilisateur. Dans d'autres modes de realisation preferes de cette invention, un profil de fournisseur de contenu et un profil d'utilisateur sont crees pour le fournisseur de contenu et l'utilisateur, respectivement. Ces deux profils peuvent ensuite etre eventuellement compares dans un processus de negociation, pour determiner si les informations d'utilisateur doivent etre divulguees au fournisseur de contenu.

Legal Status (Type, Date, Text)

Publication 20010712 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20020307 Late publication of international search report
Republication 20020307 A3 With international search report.

Fulltext Availability:

Claims

Claim

... created from a set of keywords.

24 The method of claim 18, wherein said user **profile** is dynamically altered in step (b) if an additional **value** for said user **profile** is required by the **content provider**.

25 The method of claim 24, wherein the user is prompted to deten-nine if
...

18/5,K/14 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00576653 **Image available**

AUTOMATIC ELECTRONIC PROGRAMME SCHEDULING SYSTEM

SYSTÈME DE PLANIFICATION AUTOMATIQUE ÉLECTRONIQUE DE PROGRAMMES

Patent Applicant/Assignee:

NTL GROUP LIMITED,
LANG Jack Arnold,
STRICK Michael,

Inventor(s):

LANG Jack Arnold,
STRICK Michael,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200040026 A1 20000706 (WO 0040026)
Application: WO 99GB4408 19991223 (PCT/WO GB9904408)
Priority Application: GB 9828589 19981223

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: H04N-007/173

Publication Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 14737

English Abstract

A system, and a corresponding method, for providing a home entertainment device with a personal channel, the personal channel comprising a schedule of programmes and corresponding start times, the programmes being selected from programmes available on a plurality of real channels and/or other programme sources, the apparatus comprising: database interface means to communicate with a programme database comprising programme information for a plurality of programmes, including for each programme the programme start time, a real channel or other programme source the programme is available from at that start time, and programme descriptor information characterising the content of the programme; input means, to receive preference information characterising an individual user's preferred programmes. Preferably the home entertainment device is a television, and the personal channel is provided by a set top box (STB).

French Abstract

L'invention concerne un systeme, et un procede correspondant, permettant d'obtenir un dispositif audiovisuel domestique dote d'un canal personnel, le canal personnel comportant une planification de programmes et les heures de debut correspondantes, les programmes etant selectionnes dans des programmes disponibles sur une pluralite de canaux reels et/ou d'autres sources de programmes, l'appareil comprenant: un moyen d'interface de base de donnees destine a communiquer avec une base de donnees de programmes contenant des informations de programmes pour une pluralite de programmes, contenant pour chaque programme l'heure de debut du programme, un canal reel ou une autre source de programme, le programme etant disponible a partir de cette heure de debut, ainsi que des informations de description de programme caracterisant le contenu du programme; un moyen d'entree destine a recevoir des informations de reference caracterisant les programmes preferes de l'utilisateur individuel. De preference, le dispositif audiovisuel domestique est un poste de television et le canal personnel est fourni par un boitier de decodeur (STB).

Fulltext Availability:

Claims

Claim

... input means (40) to define a plurality of user profile descriptors and wherein the user profile descriptors modify the weights of the program descriptors.

8 System as claimed in claim 7
wherein the user profile input means comprises access controlled means to
block provision by the output means of programmes with keywords or
descriptors matching programme blocking keywords or descriptors.

9 System...

18/5,K/17 (Item 17 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00420136 **Image available**
PERSONAL FEEDBACK BROWSER
NAVIGATEUR PERSONNEL DE RETOUR D'INFORMATIONS
Patent Applicant/Assignee:

RAPAPORT Jeffrey Alan,
RAPAPORT Seymour Alvin,

Inventor(s):

RAPAPORT Jeffrey Alan,
RAPAPORT Seymour Alvin,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9810597 A2 19980312

Application: WO 97US15417 19970903 (PCT/WO US9715417)

Priority Application: US 96709762 19960909

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

CA JP KR MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-003/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16966

English Abstract

A personal feedback browser and personal profile database (107) is provided for obtaining media files from the internet (209). A personal feedback browser selects media files (209) based on user-specified information stored in the personal profile database (107). Profile objects can be positioned a specified distance from a self object (210, 215, 220, 204). The personal profile database (107) is also adjusted based upon user selection and absorption of media files (220, 204, 230).

French Abstract

On decrit un navigateur personnel de retour d'informations ainsi qu'une base de donnees a profil personnel, aux fins d'obtention de fichiers informatises a partir de l'Internet. Ce navigateur choisit des fichiers informatises d'apres des informations specifiees par l'utilisateur et conservees dans ladite base de donnees, laquelle comprend des objets a profil representant les interets, l'attitude/aptitude, la comprehension de textes et les gouts d'un utilisateur. Ces objets sont constitues d'ensembles de mots/phrases cles possedant des valeurs ponderees assignees, et ils peuvent etre places a une distance determinee d'un objet autonome. La distance entre l'objet a profil et l'objet autonome represente l'effet obtenu par l'objet a profil, par filtrage et/ou selection des fichiers informatises destines a cet utilisateur. Le navigateur de l'invention comprend un programme logiciel destine a evaluer des fichiers informatises, d'apres une base de donnees a profil personnel, laquelle est egalement reglee en fonction du choix de

l'utilisateur et de l'absorption des fichiers informatises effectuee par celui-ci. On decrit un programme logiciel de conversion de son en texte, destine a convertir un fichier sonore en un fichier textuel.

Fulltext Availability:

Detailed Description

Detailed Description

... that by default are not active and module 204 and module 210 determine relative Distance **values** for **Profile** Objects.

M. Profile Builder

A. Detail of User **Profile** Display and **Adjustment** Interface
Figure 5a illustrates a detailed display screen 500 generated by Search **Results** interface 208. **Display** screen 500 includes Descriptor Compatibility viewer 505, Browsing Profile switch 506, Hero Profile viewer 501...

?

36/5,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01657419

Interactive information provision
Interaktive Informationsdarbietung
Presentation interactive d'information

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1363205 A2 031119 (Basic)
EP 1363205 A3 040303

APPLICATION (CC, No, Date): EP 2003011234 030516;

PRIORITY (CC, No, Date): JP 2002142192 020516

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G06F-017/30 ; G10L-015/22

ABSTRACT EP 1363205 A2

An interactive information providing apparatus (100) is provided with: an output component (4, 10) that provides an information requesting output for requesting a user for information; an input component (3, 10) that receives from the user input information to the information requesting output; and an interaction controller component (10) that controls the output component and the input component according to a scenario, to carry on a dialogue with the user. In the apparatus, the interaction controller component changes a level at which the output component requests a user for information, according to an importance parameter associated with the scenario.

ABSTRACT WORD COUNT: 100

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 031119 A2 Published application without search report
Change: 040303 A2 International Patent Classification changed:
20040117

Search Report: 040303 A3 Separate publication of the search report

Examination: 041027 A2 Date of request for examination: 20040827

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200347 811

SPEC A (English) 200347 9639

Total word count - document A 10450

Total word count - document B 0
Total word count - documents A + B 10450

INTERNATIONAL PATENT CLASS: G06F-017/30 ...

...SPECIFICATION a second storage component that stores device-specific information related to a condition of the **information providing** apparatus; and an adjustment device which adjusts a **value** of the importance **parameter** based on the user information and/or the device-specific information. According to this aspect, importance **parameters** can be **adjusted** properly based on user information related to the user's input information of the past...

36/5,K/7 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT
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00975284 **Image available**

AUTOMATION SYSTEM AND SYSTEM VISUALIZATION METHOD
SYSTEME D'AUTOMATISATION ET PROCEDE DE VISUALISATION D'INSTALLATION
AUTOMATISIERUNGSSYSTEM UND VERFAHREN ZUR ANLAGENVISUALISIERUNG

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(Residence), DE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), DE (Nationality), (Designated only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200305234 A2-A3 20030116 (WO 0305234)
Application: WO 2002DE2275 20020620 (PCT/WO DE0202275)
Priority Application: DE 10132038 20010703

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CN US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: G06F-017/30

Publication Language: German

Filing Language: German

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 2334

English Abstract

The invention relates to an automation system and a method for visualizing a system with a client (1) for displaying a web page consisting of **data** fields for **displaying parameter values**, comprising a processing unit (2) for storing actual **parameter values**. The **modified parameter values** can be interrogated by a client (1) by cyclical polling. Only the **modified parameter values** are transmitted to the client in an associated script and interpreted by the browser (3).

French Abstract

La presente invention concerne un systeme d'automatisation et un procede

destine a la visualisation d'une installation avec un client (1) permettant l'affichage d'une page web qui presente des champs de donnees ou apparaissent des valeurs de parametres, comprenant une unite de traitement (2) destinee a l'enregistrement de valeurs de parametres courantes. Les valeurs de parametres modifiees peuvent etre appelees par le client (1) grace a une interrogation cyclique. Seules les valeurs de parametres modifiees peuvent alors etre transmises au client (1) a l'interieur d'un script correspondant et interpretees par le navigateur (3).

German Abstract

Die Erfindung betrifft ein Automatisierungssystem und Verfahren zur Visualisierung einer Anlage mit einem Client (1) zur Anzeige einer Web-Seite, die Datenfelder zur Anzeige von Parameterwerten aufweist, mit einer Verarbeitungseinheit (2) zur Speicherung von aktuellen Parameterwerten. Die geanderten Parameterwerte konnen von dem Client (1) durch zyklisches Pollen abgefragt werden. Lediglich die geanderten Parameterwerte werden dann in einem dazugehörigen Skript zu dem Client (1) übertragen und von dem Browser (3) interpretiert.

Legal Status (Type, Date, Text)

Publication 20030116 A2 Without international search report and to be republished upon receipt of that report.
Examination 20030320 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20031030 Late publication of international search report
Republication 20031030 A3 With international search report.
Republication 20031030 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: G06F-017/30

English Abstract

...for visualizing a system with a client (1) for displaying a web page consisting of **data** fields for **displaying parameter values**, comprising a processing unit (2) for storing actual **parameter values**. The **modified parameter values** can be interrogated by a client (1) by cyclical polling. Only the **modified parameter values** are transmitted to the client in an associated script and interpreted by the browser...

36/5,K/8 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00929470 **Image available**
CONTEXT-BASED INFORMATION RETRIEVAL
SYSTEME DE LIBRE-SERVICE POUR LA CLIENTELE AVEC RECHERCHE ET SELECTION DE RESSOURCES

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200263514 A2-A3 20020815 (WO 0263514)

Application: WO 2002GB429 20020131 (PCT/WO GB0200429)

Priority Application: US 2001778146 20010207

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17472

English Abstract

A customer self service system and method for performing resource search and selection. The method includes steps of providing an interface (12) enabling entry of a query (131) for a resource and specification of one or more user context elements (132), each element (132) representing a context associated with the current user state and having context attributes (14) and attribute values (232) associated therewith; enabling user specification of relevant resource selection criteria (245) for enabling expression of relevance of resource results in terms of user context; searching a resource database and generating a resource response set having resources that best match a user's query (131), user context attributes (14) and user defined relevant resource selection criteria (245); presenting said resource response set (332, 333, 335, 336) to the user in a manner whereby a relevance of each of the resources being expressed in terms of user context in a manner optimised to facilitate resource selection; and, enabling continued user selection and modification (135, 136) of context attribute values (232) to enable increased specificity and accuracy of a user's query (131) to thereby result in improved selection logic and attainment of resource response sets best fitted to the query.

French Abstract

L'invention concerne un systeme de libre-service pour la clientele et un procede de recherche et de selection de ressources. Le procede consiste a mettre en oeuvre une interface (12) qui permet de saisir une requete (131) pour une ressource et de specifier un ou plusieurs elements de contexte utilisateur (132), chaque element (132) representant un contexte associe a l'etat ponctuel de l'utilisateur et comprenant des attributs contextuels (14) et des valeurs d'attribut (232) qui leurs sont associees. Le procede consiste ensuite a accepter la definition par l'utilisateur de criteres pertinents de selection de ressources (245) permettant d'exprimer la pertinence des resultats se rapportant aux

ressources en relation avec le contexte utilisateur. Le procede consiste aussi a interroger une base de donnees de ressources et a produire un ensemble de reponses sur les ressources qui contient les ressources correspondant le mieux a une requete de l'utilisateur (131), des attributs contextuels (14) et des criteres pertinents de selection de ressources (245) definis par l'utilisateur. Le procede consiste en outre a presenter cet ensemble de reponses sur les ressources (332, 333, 335, 336) a l'utilisateur de facon telle que le caractere pertinent de chaque ressource soit exprimee en relation avec le contexte utilisateur, et optimisee pour faciliter le choix de ressources. Le procede consiste enfin a permettre la selection et la modification (135, 136) continues de valeurs d'attribut contextuels (232) afin d'assurer a la requete de l'utilisateur (131) une specificite et une precision accrues, ce qui donne une logique de selection amelioree et permet la realisation d'ensembles de reponses sur les ressources correspondant le mieux a la requete.

Legal Status (Type, Date, Text)

Publication 20020815 A2 Without international search report and to be republished upon receipt of that report.
Examination 20020906 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20021010 Late publication of international search report
Republication 20021010 A3 With international search report.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... the default. If the user "double clicks" on the attribute value, the system prepares the **Value Resource Parameter** Workspace 235 for this single attribute value, as will be described. Figure 3 provides sample data for context attributes and attribute values from different domains which may be represented in the Attribute Value Workspace 231.

In the **Value Resource Parameter** Workspace 235, the user may change or create resource parameters using include logic or exclude logic for any context attribute value 232 selected in the...

36/5,K/13 (Item 9 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00774547 **Image available**

KNOWLEDGE MANAGEMENT SYSTEM

SYSTEME DE GESTION DE CONNAISSANCES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200108096 A1 20010201 (WO 0108096)

Application: WO 99US16911 19990727 (PCT/WO US9916911)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06N-005/02

International Patent Class: G06F-017/60 ; G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18237

English Abstract

A knowledge management system, program product and method utilize a multi-dimensional taxonomy for classifying content items (103b, 108b) in a knowledge management system both by format and content. Classification by format is accomplished by associating an item format (122) with a content item that specifies one or both of the general type and source of a document or record represented by the content item. Classification by content is accomplished by associating with a content item a particular value of one or more categories (120) established for a knowledge management system. Classification of content items is enforced both during creation or addition of content items to a knowledge management system, and during accessing the knowledge management system to view existing content items.

French Abstract

Un systeme, un produit programme et un procede de gestion de connaissances utilisent une taxonomie multidimensionnelle pour classifier des articles de contenu (103b, 108b) dans un systeme de gestion de connaissances a la fois par format et par contenu. La classification par format est effectuee par association d'un format (122) d'article a un article de contenu specifiant le type et/ou la source generale d'un document ou d'un enregistrement represente par l'article de contenu. La classification par contenu est effectuee par association a un article de contenu d'une valeur particuliere d'une ou de plusieurs categories (120) etablie(s) pour un systeme de gestion de connaissances. La classification d'articles de contenu est mise en application a la fois pendant la creation ou l'addition d'articles de contenu a un systeme de gestion de connaissances, et pendant l'accès au systeme de gestion de connaissances pour visionner des articles de contenu existants.

Legal Status (Type, Date, Text)

Publication 20010201 A1 With international search report.

Examination 20010503 Request for preliminary examination prior to end of 19th month from priority date

International Patent Class: G06F-017/60 ...

... G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... the template. In the present embodiment of the invention the template is a free form **text document** provided to the user for free form **editing**. Once a **topic** or **category value** has been selected by the user. However, in other embodiments, the headings within the topic...

36/5,K/16 (Item 12 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00507938 **Image available**

METHOD AND APPARATUS FOR ELABORATING AND REPRESENTING DATA ANALYSIS IN A DECISION SUPPORT SYSTEM
PROCEDE ET APPAREIL D'ELABORATION ET DE REPRESENTATION D'UNE ANALYSE DE DONNEES DANS UN SYSTEME D'AIDE A LA DECISION

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SPAMPINATO Luca,

Inventor(s):

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SPAMPINATO Luca,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9939290 A1 19990805

Application: WO 99EP583 19990129 (PCT/WO EP9900583)

Priority Application: US 9816313 19980130

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/60

International Patent Class: H04L-012/18

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6340

English Abstract

The invention relates to a method and to an apparatus for elaborating and representing data analysis in a decision support system. The system comprises an electronic data base which is daily updated; a data server managing said data base and comprising linking interfaces to allow online and/or batch connections to external data suppliers or providers and display means for displaying information and data and for allowing the user to define data selection criteria. The method includes five steps. First, on said display means a selection panel or menu reporting a list or table of data from said data base is presented. Second, a pointer of a user's data selection is detected. Third, the data base is scanned

according to a mask or filter selected by the user. Fourth, on said display means a view or history chart showing to the user the variations versus time of the selected data is presented while maintaining the selection panel as a side or background view. Fifth, automatically and immediately said view or history chart is refreshed at each different detected pointer of the user's data selection. Advantageously, a plurality of different information data may be selected one after the other through said selection panel and a corresponding plurality of history charts are shown on said display means with the same time base and in an overlapping format.

French Abstract

L'invention concerne un procede et un appareil d'elaboration et de representation d'une analyse de donnees dans un systeme d'aide a la decision, le systeme comprenant: une base de donnees electronique mise a jour quotidiennement; un serveur de donnees gerant cette base de donnees et comprenant des interfaces de liaison pour permettre des connexions en ligne et/ou par lots a des fournisseurs de donnees exterieurs; un dispositif d'affichage destine a afficher des informations et des donnees et a permettre a l'utilisateur de definir des criteres de selection de donnees; le procede comprend cinq phases et consiste: premierement a presenter sur ce dispositif d'affichage un panneau de selection ou un menu affichant une liste ou un tableau de donnees provenant de la base de donnees; deuxiemement a detecter un pointeur d'une selection de donnees d'un utilisateur; troisiemement a explorer la base de donnees en fonction d'un masque ou d'un filtre selectionne par l'utilisateur; quatriemement a presenter sur le dispositif d'affichage une vue ou un diagramme historique montrant a l'utilisateur les variations des donnees selectionnees par rapport au temps, tout en maintenant le panneau de selection sous la forme d'une vue laterale ou de fond; cinqiemement a regenerer automatiquement et immediatelement la vue ou le diagramme historique pour chaque pointeur different detecte de la selection de donnees de l'utilisateur. On peut selectionner avantageusement plusieurs donnees d'informations differentes l'une apres l'autre dans le panneau de selection et plusieurs diagrammes historiques correspondants sont affiches sur le dispositif d'affichage dans la meme base de temps et dans un format juxtapose.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... allocation criteria among a number of numerical parameters available for the preferred set of data;

- weighting the selected criteria by graphically manipulating one or more cursors on the screen, one for each criteria;
- automatically presenting on said display means the results of the weighted selection criteria at each different detected selection of said cursors.

6.2 Implementation

The user interface of...

Claim

... allocation criteria among a plurality of numerical parameters available for the preferred set of data;

- weighting the selected criteria by graphically manipulating one or more cursors on the screen, one for each criteria;
@ automatically presenting on said display means the results of the weighted selection criteria at each different detected selection of said cursors.

11 Method according to claim 10, wherein when the weight of a criteria is manipulated through the graphic interface, the weights of the other criteria are adjusted in real-time to keep their total sum to one hundred,, while respecting the ratios...

36/5,K/17 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00507937 **Image available**
METHOD FOR ELABORATING AND REPRESENTING DATA ANALYSIS IN A DECISION SUPPORT SYSTEM
PROCEDE PERMETTANT D'ELABORER ET DE REPRESENTER UNE ANALYSE DE DONNEES DANS UN SYSTEME D'AIDE A LA DECISION

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BOTTARELLI Sandro,
SPAMPINATO Luca,

Inventor(s):

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BOTTARELLI Sandro,
SPAMPINATO Luca,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9939289 A2 19990805
Application: WO 99EP504 19990129 (PCT/WO EP9900504)
Priority Application: US 9816314 19980130

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/60

International Patent Class: H04L-012/18

Publication Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 4911

English Abstract

The invention relates to a method and to an apparatus for elaborating and representing data analysis in a decision support system, the system comprising: an electronic data base which is daily updated by external data suppliers or providers; computer means comprising linking interfaces to allow on line connections to said data base; display means associated to the computer means for displaying information and data and for

allowing the user to define data selection criteria by a mouse or a keyboard; the method including the following steps: presenting on said display means a selection panel or menu reporting a list or table of data from said data base; detecting a user's data selection; scanning said data base according to a mask or filter corresponding to user's **data** selection to **display** a preferred selected panel; selecting a scoring criteria among a plurality of numerical parameters available for the preferred set of data; **weighting** the selected scoring **criteria** by graphically **manipulating** one or more cursors on the screen, one for each criteria; automatically presenting on said display means the scores of the user's selected data at each different detected selection of said cursors.

French Abstract

L'invention concerne un procede et un appareil permettant d'elaborer et de representer des analyses de donnees dans un systeme d'aide a la decision, systeme qui comprend: une base de donnees electronique mise a jour quotidiennement par des fournisseurs de donnees externes; un dispositif informatique comprenant des interfaces de liaison pour permettre les connexions en ligne avec la base de donnees; un dispositif d'affichage, associe au dispositif informatique, destine a afficher des donnees et des informations et a permettre a l'utilisateur de definir des criteres de selection de donnees au moyen d'une souris ou d'un clavier. Le procede de l'invention comprend les etapes suivantes: presenter sur le dispositif d'affichage un panneau ou menu de selection affichant une liste ou un tableau de donnees provenant de la base de donnees; detecter la selection de donnees d'un utilisateur; analyser la base de donnees avec un masque ou un filtre correspondant a la selection de donnees de l'utilisateur en vue de l'affichage d'un panneau selectionne preferé; choisir des criteres d'appréciation parmi une pluralité de paramètres numériques disponibles pour l'ensemble de donnees préférées; ponderer les criteres d'appréciation choisis par manipulation graphique d'un ou de plusieurs curseurs sur l'écran, avec un curseur pour chaque critère; et presenter automatiquement sur le dispositif d'affichage les appréciations correspondant aux données choisies par l'utilisateur pour chacune des selections détectées desdits curseurs.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description
Claims

English Abstract

...selection; scanning said data base according to a mask or filter corresponding to user's **data** selection to **display** a preferred selected panel; selecting a scoring criteria among a plurality of numerical parameters available for the preferred set of data; **weighting** the selected scoring **criteria** by graphically **manipulating** one or more cursors on the screen, one for each criteria; automatically presenting on said...

Detailed Description

... inside the local memory means 3 and it is not necessary to communicate with the **data provider** if the set of the **criteria** is not **changed**. The computation of a new scoring is performed as follows.

The **weights** of the **parameters** are stored in a column vector of dimension M;

All the values in each column...

Claim

... selection;
- scanning said data base according to a mask or filter
corresponding to user's **data** selection to **display** a
preferred selected panel;
- selecting a scoring criteria among a plurality of
numerical parameters available for the preferred set of
data;
- **weighting** the selected scoring **criteria** by graphically
manipulating one or more cursors on the screen, one for
each criteria;
- automatically presenting on said...

?

File 9:Business & Industry(R) Jul/1994-2004/Dec 16
(c) 2004 The Gale Group
File 13:BAMP 2004/Dec W1
(c) 2004 The Gale Group
File 16:Gale Group PROMT(R) 1990-2004/Dec 17
(c) 2004 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2004/Dec 17
(c) 2004 The Gale group
File 148:Gale Group Trade & Industry DB 1976-2004/Dec 17
(c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Dec 17
(c) 2004 The Gale Group
File 570:Gale Group MARS(R) 1984-2004/Dec 17
(c) 2004 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Dec 17
(c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Dec 17
(c) 2004 The Gale Group
File 649:Gale Group Newswire ASAP(TM) 2004/Dec 10
(c) 2004 The Gale Group

Set	Items	Description
S1	1738613	PROFILE OR PROFILES
S2	6132028	WORD? ? OR CONCEPT? ? OR TOPIC? ? OR PARAMETER? ? OR SUBJECT? ? OR CRITERIA? ? OR CRITERION? ? OR THEME OR THEMES
S3	5694544	TOI OR TOIS OR TERM? ? OR DESCRIPT?R? ? OR PHRASE OR PHRASES OR KEYWORD? OR IDENTIFIER? ? OR KEYPHRASE? OR KEYTERM?
S4	6298545	WEIGHT??? ? OR WEIGH OR WEIGHS OR WEIGHED OR WEIGHING OR VALUE? ?
S5	5499	S1(3N)S4
S6	164525	S2:S3(3N)S4
S7	53714	S1:S3(3N)(CORRECT? OR REMED? OR RECTIFY? OR RECTIFI? OR AMEND? OR EMEND?)
S8	947406	S1:S3(3N)(CHANG??? ? OR MODIFI? OR MODIFY? OR ADJUST? OR MANIPULAT? OR READJUST? OR REPLAC? OR SUBSTITUT? OR ALTERR?)
S9	85932	S1:S3(3N)(ALTER? ? OR ALTERED OR ALTERING OR ALTERATION? OR EXCHANG? OR EDIT? ? OR EDITED OR EDITING OR REVIS???? ?)
S10	6667	S1:S3(3N)(REDEFIN? OR RE()(DEFIN??? ? OR DEFINITION?))
S11	16124086	DISPLAY? OR VIEW??? ? OR PROVID? OR PROVIS?
S12	2568712	S11(3N)(CONTENT? ? OR DATA OR INFORMATION OR DOCUMENT? ? OR ECONTENT? ? OR TEXT? ? OR TEXTUAL OR DOCUMENT? ? OR ARTICLE? ?)
S13	246096	S11(3N)(RESULT? ? OR HITLIST? OR HIT OR HITS OR REFERENCES OR RETRIEV? OR CITATIONS OR OUTPUT? OR OUT()PUT? ?)
S14	117	S5(S)S7:S10
S15	5	S14(S)S12:S13
S16	3916	S6(S)S7:S10
S17	98	S16(S)S12:S13
S18	103	S15 OR S17
S19	36	S18/2001:2004
S20	67	S18 NOT S19
S21	54	RD (unique items)

21/3,K/11 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

Cool tools for searching the web. (World Wide Web search databases) (includes related articles)

Courtois, Martin P.; Baer, William M.; Stark, Marcella
Online, v19, n6, p14(14)

Nov-Dec, 1995

ISSN: 0146-5422 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4479 LINE COUNT: 00355

... same words. Until August 1995, this feature was known as a "Similarity Search" and its results list displayed a search form that contained the keywords and relevancy weights of selected terms that could be edited by the user. Unfortunately, recent changes in Open Text have eliminated this display and it is no longer possible to determine terms selected for "Find Similar Pages" or...

21/3,K/45 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01529500 SUPPLIER NUMBER: 12439354 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The changing face of Windows tools: client/server data-access and development tools for end users and professional programmers. (Buyers Guide)

Taylor, Allen G.
DBMS, v5, n9, p61(5)
August, 1992

DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3660 LINE COUNT: 00308

... Activity offers typical data-editing capabilities. The Query Activity allows the user to specify search criteria and view and manipulate the results. Users can, for example, create multitable links and specify criteria by selecting columns, values, formulas, ranges, and operators from lists. Figure 1 shows Quest's query condition setting window...
?

File 696:DIALOG Telecom. Newsletters 1995-2004/Dec 17
(c) 2004 The Dialog Corp.
File 15:ABI/Inform(R) 1971-2004/Dec 17
(c) 2004 ProQuest Info&Learning
File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Sep
(c) 2004 The HW Wilson Co
File 484:Periodical Abs Plustext 1986-2004/Dec W2
(c) 2004 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2004/Sep
(c) 2004 The HW Wilson Co
File 608:KR/T Bus.News. 1992-2004/Dec 17
(c) 2004 Knight Ridder/Tribune Bus News
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2004/Dec 17
(c) 2004 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2004/Dec 17
(c) 2004 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 610:Business Wire 1999-2004/Dec 13
(c) 2004 Business Wire.
File 369:New Scientist 1994-2004/Dec W1
(c) 2004 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 20:Dialog Global Reporter 1997-2004/Dec 17
(c) 2004 The Dialog Corp.
File 624:McGraw-Hill Publications 1985-2004/Dec 17
(c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Dec 16
(c) 2004 San Jose Mercury News
File 647:CMP Computer Fulltext 1988-2004/Dec W1
(c) 2004 CMP Media, LLC
File 674:Computer News Fulltext 1989-2004/Nov W4
(c) 2004 IDG Communications

Set	Items	Description
S1	2171796	PROFILE OR PROFILES
S2	7276075	WORD? ? OR CONCEPT? ? OR TOPIC? ? OR PARAMETER? ? OR SUBJECT? ? OR CRITERIA? ? OR CRITERION? ? OR THEME OR THEMES
S3	7829776	TOI OR TOIS OR TERM? ? OR DESCRIPT?R? ? OR PHRASE OR PHRASES OR KEYWORD? OR IDENTIFIER? ? OR KEYPHRASE? OR KEYTERM?
S4	6831687	WEIGHT??? ? OR WEIGH OR WEIGHS OR WEIGHED OR WEIGHING OR VALUE? ?
S5	4590	S1(3N)S4
S6	173883	S2:S3(3N)S4
S7	62218	S1:S3(3N)(CORRECT? OR REMED? OR RECTIFY? OR RECTIFI? OR AMEND? OR EMEND?)
S8	423178	S1:S3(3N)(CHANG??? ? OR MODIFI? OR MODIFY? OR ADJUST? OR MANIPULAT? OR READJUST? OR REPLAC? OR SUBSTITUT? OR ALTERR?)
S9	98397	S1:S3(3N)(ALTER? ? OR ALTERED OR ALTERING OR ALTERATION? OR EXCHANG? OR EDIT? ? OR EDITED OR EDITING OR REVIS???? ?)
S10	7817	S1:S3(3N)(REDEFIN? OR RE(()(DEFIN??? ? OR DEFINITION?))
S11	16702397	DISPLAY? OR VIEW??? ? OR PROVID? OR PROVIS?
S12	2364161	S11(3N)(CONTENT? ? OR DATA OR INFORMATION OR DOCUMENT? ? OR ECONTENT? ? OR TEXT? ? OR TEXTUAL OR DOCUMENT? ? OR ARTICLE?)

S13 198975 S11(3N) (RESULT? ? OR HITLIST? OR HIT OR HITS OR REFERENCES
OR RETRIEV? OR CITATIONS OR OUTPUT? OR OUT() PUT? ?)
S14 121 S5(S)S7:S10
S15 2 S14(S)S12:S13
S16 4987 S6(S)S7:S10
S17 169 S16(S)S12:S13
S18 171 S15 OR S17
S19 109 S18/2001:2004
S20 62 S18 NOT S19
S21 54 RD (unique items)

21/3,K/12 (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01123363 97-72757
Cool tools for searching the Web
Courtois, Martin P; Baer, William M; Stark, Marcella
Online v19n6 PP: 14-32 Nov/Dec 1995
ISSN: 0146-5422 JRNL CODE: ONL
WORD COUNT: 5085

duplicate

...TEXT: same words. Until August 1995, this feature was known as a "Similarity Search" and its **results** list **displayed** a search form that contained the **keywords** and relevancy weights of selected **terms** that could be **edited** by the user. Unfortunately, recent changes in Open **Text** have eliminated this **display** and it is no longer possible to determine terms selected for "Find Similar Pages" or...
? t21/3,k/45

21/3,K/45 (Item 1 from file: 370)
DIALOG(R)File 370:Science
(c) 1999 AAAS. All rts. reserv.

00505697 (USE 9 FOR FULLTEXT)
Strong Regularities in World Wide Web Surfing
Huberman, Bernardo A.; Pirolli, Peter L. T.; Pitkow, James E.; Lukose, Rajan M.
Xerox Palo Alto Research Center, 3333 Coyote Hill Road, Palo Alto, CA 94304, USA.
Science Vol. 280 5360 pp. 95
Publication Date: 4-03-1998 (980403) Publication Year: 1998
Document Type: Journal ISSN: 0036-8075
Language: English
Section Heading: Reports
Word Count: 2814

(THIS IS THE FULLTEXT)

...Text: The Web allows inexpensive and fast access to unique and novel services, including electronic commerce, **information** resources, and entertainment, **provided** by individuals and institutions scattered throughout the world (B1) . Despite the advantages of this new...

...certain, we can assume that it is stochastically related to the previous one. In other **words**, the **value** of the current page $V_{inf}(L)$ is the value of the previous one $V_{inf}(L-1)$ plus or minus a random **term**. Thus, the page **values** can be written as $V_{inf}(L) = V_{inf}(L-1) + \epsilon$ where...values of L and large values of the variance. As L gets larger, the second **term** provides a downward **correction**. Thus, Eq. 3

implies that, up to a constant given by the third term, the...
?

File 6:NTIS 1964-2004/Dec W1
 (c) 2004 NTIS, Intl Cpyrght All Rights Res
 File 2:INSPEC 1969-2004/Dec W1
 (c) 2004 Institution of Electrical Engineers
 File 8:Ei Compendex(R) 1970-2004/Dec W1
 (c) 2004 Elsevier Eng. Info. Inc.
 File 34:SciSearch(R) Cited Ref Sci 1990-2004/Dec W2
 (c) 2004 Inst for Sci Info
 File 35:Dissertation Abs Online 1861-2004/Nov
 (c) 2004 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2004/Dec W2
 (c) 2004 BLDSC all rts. reserv.
 File 94:JICST-EPlus 1985-2004/Nov W1
 (c) 2004 Japan Science and Tech Corp(JST)
 File 95:TEME-Technology & Management 1989-2004/Jun W1
 (c) 2004 FIZ TECHNIK
 File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
 (c) 2004 The HW Wilson Co.
 File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Dec 15
 (c) 2004 The Gale Group
 File 144:Pascal 1973-2004/Dec W1
 (c) 2004 INIST/CNRS
 File 202:Info. Sci. & Tech. Abs. 1966-2004/Nov 02
 (c) 2004 EBSCO Publishing
 File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
 (c) 2003 EBSCO Pub.
 File 256:TecInfoSource 82-2004/Nov
 (c) 2004 Info.Sources Inc.
 File 266:FEDRIP 2004/Sep
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 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 438:Library Lit. & Info. Science 1984-2004/Oct
 (c) 2004 The HW Wilson Co
 File 483:Newspaper Abs Daily 1986-2004/Dec 16
 (c) 2004 ProQuest Info&Learning
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 603:Newspaper Abstracts 1984-1988
 (c) 2001 ProQuest Info&Learning

Set	Items	Description
S1	1483777	PROFILE OR PROFILES
S2	7097478	WORD? ? OR CONCEPT? ? OR TOPIC? ? OR PARAMETER? ? OR SUBJECT? ? OR CRITERIA? ? OR CRITERION? ? OR THEME OR THEMES
S3	3118055	TOI OR TOIS OR TERM? ? OR DESCRIPT?R? ? OR PHRASE OR PHRASES OR KEYWORD? OR IDENTIFIER? ? OR KEYPHRASE? OR KEYTERM?
S4	5203537	WEIGHT??? ? OR WEIGH OR WEIGHS OR WEIGHED OR WEIGHING OR VALUE? ?
S5	8760	S1(3N)S4
S6	212218	S2:S3(3N)S4
S7	44191	S1:S3(3N)(CORRECT? OR REMED? OR RECTIFY? OR RECTIFI? OR AMEND? OR EMEND?)
S8	288587	S1:S3(3N)(CHANG??? ? OR MODIFI? OR MODIFY? OR ADJUST? OR MANIPULAT? OR READJUST? OR REPLAC? OR SUBSTITUT? OR ALTERR?)
S9	60455	S1:S3(3N)(ALTER? ? OR ALTERED OR ALTERING OR ALTERATION? OR EXCHANG? OR EDIT? ? OR EDITED OR EDITING OR REVIS???? ?)
S10	2112	S1:S3(3N)(REDEFIN? OR RE() (DEFIN??? ? OR DEFINITION?))
S11	6431382	DISPLAY? OR VIEW??? ? OR PROVID? OR PROVIS?
S12	642226	S11(3N)(CONTENT? ? OR DATA OR INFORMATION OR DOCUMENT? ? OR ECONTENT? ? OR TEXT? ? OR TEXTUAL OR DOCUMENT? ? OR ARTICLE?)

?)
S13 233524 S11(3N)(RESULT? ? OR HITLIST? OR HIT OR HITS OR REFERENCES
OR RETRIEV? OR CITATIONS OR OUTPUT? OR OUT()PUT? ?)
S14 534 S5 AND S7:S10
S15 5 S14 AND S12:S13
S16 12416 S6 AND S7:S10
S17 295 S16 AND S12:S13
S18 45 S17 AND S4/TI, ID, DE
S19 40956 S2:S3(3N)(SEARCH? OR DATAMIN? OR MINE? ? OR MINING OR QUER-
Y? OR QUERIE? OR REQUEST? OR TEXTSEARCH? OR DREDG??? ? OR DAT-
ADREDG?)
S20 4 S17 AND IR
S21 232128 S2:S3(3N)(PROVID? OR PROVIS? OR SELECT? OR TEXTMIN? OR SIF-
T? OR DM)
S22 46 S17 AND S20:S21
S23 90 S15 OR S18 OR S20 OR S22
S24 32 S23/2001:2004
S25 58 S23 NOT S24
S26 49 RD (unique items)

26/7/47 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

02544264 JICST ACCESSION NUMBER: 95A1017035 FILE SEGMENT: JICST-E
Character-based Information Visualization Environment applying Node-Line
View Model.
ISOBE SEIJI (1); KUROKAWA KIYOSHI (1); SHIOHARA HISAKO (1)
(1) NTT Johotsushinken
Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report
(Institute of Electronics, Information and Communication Engineers),
1995, VOL.95, NO.287(DE95 50-64), PAGE.97-104, FIG.7, REF.3
JOURNAL NUMBER: S0532BBG
UNIVERSAL DECIMAL CLASSIFICATION: 681.51:007.51 681.3:061.68
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication
ABSTRACT: In business area, new visualization techniques such as
geographical representation of character **data**, multi-dimensional
view of many attributes and stressed representation based on user
semantics for supporting strategic decision making are strongly
required. This paper proposes an information visualization model called
"Node-Line View Model" for **viewing** character-based **information** in
databases. This model introduces conversion capabilities from entities
which consist of character-based data and are selected by users for
visualization targets, to objects which consist geographical data and
are generalized by a node-type or a line-type object. The conversion
process can **change** coordinate and **profile values** of objects based
on user requirements. (author abst.)

26/7/49 (Item 1 from file: 202)
DIALOG(R)File 202:Info. Sci. & Tech. Abs.
(c) 2004 EBSCO Publishing. All rts. reserv.

2600840
Method and apparatus for evaluating a potentially insurable risk.
Author(s): DeTore, A W; Jones, D.W.; Suever, R.D.
Patent Number(s): US 4975840

Publication Date: Dec 11, 1990
Language: English
Document Type: Patent
Record Type: Abstract
Journal Announcement: 2600

A method and apparatus for evaluating the insurability of a potentially insurable risk has data bases for storing information, and the ability to correlate selected elements of information in respective data bases. Certain elements are assigned weights on the basis of predetermined relationships existing between elements of information in one data base and corresponding elements of information in another. **Information** is **displayed** from a **data** base for use by an underwriter in assigning a weight to a selected element, or an expert module corresponding to the selected element is identified and used for assigning the weight. A risk classification is determined for the potentially insurable risk from the weights assigned. The system can identify additional elements of information required for evaluating the potentially insurable risk, and can request entry of such information for subsequent storage. In one embodiment, the system can identify an element of information for which no corresponding information exists, and for which no expert module exists. Other features include the ability to override an expert module and assign a different weight to an element of information, the use of statistical **profiles** to **adjust** assigned **weights**, the ability to determine expected profitably resulting from decisions concerning a particular risk, and the **provision** of additional **data** bases useful in managing workload and customizing operation of the system.

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200481
(c) 2004 Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2004/Dec W02
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20041209,UT=20041202
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	52	AU=CASTLE D?
S2	424051	PROFILE? ?
S3	7	S1 AND S2

3/9/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

07347536 **Image available**
METHOD FOR CARRYING ADVERTISEMENT IN ON-LINE PUBLICATION AND METHOD FOR CARRYING ADVERTISEMENT FROM PLURAL ADVERTISER IN PUBLICATION AND FOR DISTRIBUTING ADVERTISEMENT TO PRESCRIBED PURCHASER OF PUBLICATION AND ADVERTISING DEVICE

PUB. NO.: 2002-216027 [JP 2002216027 A]
PUBLISHED: August 02, 2002 (20020802)
INVENTOR(s): CASTLE DANIEL C
CURRANS KEVIN G
APPLICANT(s): HEWLETT PACKARD CO (HP)
APPL. NO.: 2001-366041 [JP 2001366041]
FILED: November 30, 2001 (20011130)
PRIORITY: 00 738199 [US 2000738199], US (United States of America),
December 15, 2000 (20001215)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and device for surely and automatically selling an on-line advertisement space, and for distributing advertisements only to an intended receiver.

SOLUTION: In this method for carrying advertisements from a plurality of advertisers in a publication, and for distributing the advertisements to the prescribed purchaser of the publication, at least one prescribed purchaser corresponding to the publication, the first and second advertisements from the first and second expected advertisers matched with purchaser profile information stored in a data file are identified, and a first offer for carrying the first advertisements in the publication is acquired, and a second offer for carrying the second advertisements in the publication is acquired, and at least either the first or second advertisements corresponding to the advertiser who offers the higher price of the first and second offers are carried in the publication.

COPYRIGHT: (C)2002,JPO

3/9/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015280825 **Image available**

WPI Acc No: 2003-341756/200332

XRPX Acc No: N03-273404

Advertising messages sending method in online publication system, involves sending targeted paid advertisement and targeted content advertisement to subscriber based on subscriber's publication usage level determined

Patent Assignee: CASTLE D C (CAST-I)

Inventor: CASTLE D C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030023589	A1	20030130	US 2001916942	A	20010726	200332 B

Priority Applications (No Type Date): US 2001916942 A 20010726

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030023589	A1	11		G06F-017/30	

Abstract (Basic): US 20030023589 A1

NOVELTY - A targeted paid advertisement is sent to the subscriber, if the subscriber usage level determined from user **profile** is higher than predetermined level. A targeted content advertisement is sent to the subscriber, if the subscriber usage level is lower than the predetermined level.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for advertisement distributing apparatus.

USE - For on-line publication system.

ADVANTAGE - Improves the circulation for on-line publishers and enhances the advertising revenue, by sending advertisements to potential subscribers of on-line publication system.

DESCRIPTION OF DRAWING(S) - The figure shows the data network based document distribution system.

pp; 11 DwgNo 1/5

Title Terms: ADVERTISE; MESSAGE; SEND; METHOD; PUBLICATION; SYSTEM; SEND; PAY; ADVERTISE; CONTENT; ADVERTISE; SUBSCRIBER; BASED; SUBSCRIBER; PUBLICATION; LEVEL; DETERMINE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-007/00; G06F-017/60

File Segment: EPI

Manual Codes (EPI/S-X): T01-N01A2C; T01-N01D2

3/9/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014719529 **Image available**

WPI Acc No: 2002-540233/200258

XRPX Acc No: N02-427815

Display template for publishing science magazine, comprises fields for displaying profile information and contents selected based on profile information

Patent Assignee: HEWLETT-PACKARD CO (HEWP)

Inventor: CASTLE D C

Number of Countries: 026 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1209606	A1	20020529	EP 2001309683	A	20011116	200258 B

Priority Applications (No Type Date): US 2000718290 A 20001121

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
EP 1209606 A1 E 15 G06F-017/60

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): EP 1209606 A1

NOVELTY - The template comprises fields display contents selected based on **profile** information including reader and content **profile** information. Another field displays the **profile** information.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Document delivery system;
- (2) Informational content delivery method;
- (3) Content receiving method; and
- (4) Document delivering apparatus.

USE - For publishing magazine about vehicle, interior decoration, science, antique, stamp collection, gardening, boating, etc., to reader.

ADVANTAGE - The readers can correct inaccurate or incorrect **profile** information by ascertaining why the unwanted content has been received to prevent similar unwanted information from being delivered to the reader again.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the content delivery system.

pp; 15 DwgNo 1/5

Title Terms: DISPLAY; TEMPLATE; PUBLICATION; SCIENCE; MAGAZINE; COMPRISE; FIELD; DISPLAY; **PROFILE**; INFORMATION; CONTENT; SELECT; BASED; **PROFILE**; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

Manual Codes (EPI/S-X): T01-J11B; T01-J11D; T01-S02

3/5/4 (Item 1 from file: 348)

DIALOG(R) File 348: EUROPEAN PATENTS

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01535544

Advertisement selection engine for placing micro-advertising
Maschine zum Aussuchen von Werbungen fur die Aufstellung von
Mikro-Werbungen

Moteur de selection de publicites pour le placement de micro-publicites
PATENT ASSIGNEE:

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INVENTOR:

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LEGAL REPRESENTATIVE:

Jackson, Richard Eric et al (62281), Carpmaels & Ransford, 43 Bloomsbury
Square, London WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 1280087 A1 030129 (Basic)

APPLICATION (CC, No, Date): EP 2002254827 020709;

PRIORITY (CC, No, Date): US 916970 010726

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 1280087 A1

An information content delivery service determines the white space remaining on a page of requested information content (step 310). The selection engine selects a micro-advertisement or a plurality of micro-advertisements based on criteria such as the space available, the value assigned to each advertisement, and the frequency that the consumer has seen the advertisement (step 315). The micro-advertisements are placed on the page in the available space (step 325) and the page is transmitted to the consumer (step 365) for viewing and/or printing.

ABSTRACT WORD COUNT: 84

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 030129 A1 Published application with search report

Examination: 030702 A1 Date of request for examination: 20030430

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200305	313
SPEC A	(English)	200305	1602
Total word count - document A			1915
Total word count - document B			0
Total word count - documents A + B			1915

3/5/5 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01469251

Background advertising in an internet environment

Hintergrundwerbung fur eine Internetumgebung

Publicite de fond dans un environnement d'Internet

PATENT ASSIGNEE:

Hewlett-Packard Company, (206037), 3000 Hanover Street, Palo Alto, CA 94304, (US), (Applicant designated States: all)

INVENTOR:

Castle, Daniel C. , 14995 Ferns Corner Rd., Monmouth, OR 97361, (US)

LEGAL REPRESENTATIVE:

Liesegang, Eva (81041), Forrester & Boehmert, Pettenkoferstrasse 20-22, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1251443 A1 021023 (Basic)

APPLICATION (CC, No, Date): EP 2001127657 011120;

PRIORITY (CC, No, Date): US 839389 010420

DESIGNATED STATES: CH; DE; FR; GB; LI

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 1251443 A1

An advertisement is displayed behind text or other information on a page transmitted over the Internet. The advertisement (300) has an associated transparency level that is adjustable by the server prior to transmission to the client. The client requests the information content (step 501) from the server that adjusts the transparency level (step 510) in response to the equipment of the requesting computer. The server combines the advertisement and information (step 507), if they are stored separately, and transmits (step 515) the resulting Web page to the computer. The Web page is then either displayed on the computer, printed for viewing, or both displayed and printed.

ABSTRACT WORD COUNT: 107

NOTE:

Figure number on first page: 5

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 021023 A1 Published application with search report
Examination: 021127 A1 Date of request for examination: 20020927
Examination: 030402 A1 Date of dispatch of the first examination
report: 20030219

LANGUAGE (Publication, Procedural, Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200243	406
SPEC A	(English)	200243	2105
Total word count - document A			2511
Total word count - document B			0
Total word count - documents A + B			2511

3/5/6 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01434594

Method and apparatus to maximize advertising revenue

Verfahren und Vorrichtung fur die Maximierung der Werbeeinnahmen

Methode et appareil pour maximiser les recettes de publicite

PATENT ASSIGNEE:

Hewlett-Packard Company, (206037), 3000 Hanover Street, Palo Alto, CA
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INVENTOR:

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PATENT (CC, No, Kind, Date): EP 1215609 A2 020619 (Basic)
EP 1215609 A3 031210

APPLICATION (CC, No, Date): EP 2001310206 011206;

PRIORITY (CC, No, Date): US 738199 001215

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 1215609 A2

Advertising revenue generated from placing ads in a publication with limited available advertising space is automatically maximized at least market rates by selecting the highest-paying ads for publication. Beginning with the highest-paying ads, available ad space in an on-line publication is filled with advertisements (102, 104, 106, 108) that will fit within ad space that is available in the publication. In the preferred embodiment, ads (102, 104, 106, 108) are matched (116) to subscribers (recipients) of the publication according to subscriber demographic data (114).

ABSTRACT WORD COUNT: 86

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020619 A2 Published application without search report
Search Report: 031210 A3 Separate publication of the search report
Examination: 040707 A2 Date of request for examination: 20040512

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200225	615
SPEC A	(English)	200225	3512
Total word count - document A			4127
Total word count - document B			0
Total word count - documents A + B			4127

3/5/7 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01431304

Method and apparatus for disclosing profile information to a reader
Verfahren und Vorrichtung zur Anzeige von Profilinformationen an einem
Leser

Procede et dispositif pour presenter des informations de profil a un
lecteur

PATENT ASSIGNEE:

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INVENTOR:

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Square, London WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 1209606 A1 020529 (Basic)

APPLICATION (CC, No, Date): EP 2001309683 011116;

PRIORITY (CC, No, Date): US 718290 001121

DESIGNATED STATES: DE; FR; GB; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 1209606 A1

A document delivery system (10) that provides first content and second content to a reader (20320) over a network (200), such as the Internet. The delivery system selects content for the reader based upon **profile** information. The **profile** information may relate to any one or more of the first content, the second content, and the reader. In addition to providing the first and second content to the reader, the delivery system also provides at least the **profile** information used to select the first content and second content for delivery to the reader.

ABSTRACT WORD COUNT: 93

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020529 A1 Published application with search report

Examination: 020717 A1 Date of request for examination: 20020510

Examination: 040428 A1 Date of dispatch of the first examination
report: 20040316

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200222	418
SPEC A	(English)	200222	4654
Total word count - document A			5072
Total word count - document B			0
Total word count - documents A + B			5072